

### **ABSTRACT OF THE DISCLOSURE**

Systems and methods for providing and utilizing a discovery protocol that allows a computer device and a television (TV) to discover each other on a network. A combination of a User Datagram Protocol (UDP) broadcast request and a unicast reply transaction is  
5 employed for implementing the discovery procedure. Support is provided for versioning to allow the TV to only accept and make connections to the correct version of a home personal computer. Further, responses can be handled from multiple computer devices.

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